Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 04 Dec 2022 until 23:59 on Monday 05 Dec 2022

Forecast Issued on Saturday 03 Dec 2022 at 11:55

Confidence: High for showery easterly at first, also for the flow veering to a colder but more sheltered northerly from late Monday.

Headline for Sunday 04 Dec 2022: Rather cloudy with fresh to strong east to northeast winds bringing showers and a severe wind chill at height.

Mountain weather hazards on Sunday 04 Dec 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Light snow	Light snow	Sleet	Sleet	Sleet	Sleet showers (night)
Precipitation probability							
40%	30%	40%	60%	60%	60%	40%	30%

Forecast for Sunday 04 Dec 2022

Weather: Rather cloudy and showery. Outbreaks always more frequent and heavier across eastern hills, with snow level around 500m. Best of the limited brighter spells expected towards Shining Tor.

Chance of cloud-free hill tops above 600m: Generally 25% but 70% for Shining Tor

Low cloud and visibility: Good becoming moderate or poor in rain showers, very poor in snow showers and within cloud with bases generally quite extensive, less so towards Shining Tor, from 500m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Sunday 04 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/20 NE	17/22 NE	15/21 NE	16/22 NE	18/26 E	20/28 E	22/31 E	21/30 E	21/30 E
300	11/19 NE	12/20 NE	10/17 NE	10/15 NE	12/18 E	12/20 NE	13/22 E	13/21 E	13/22 NE
Valley	10/23 NE	10/24 NE	9/21 NE	8/18 NE	10/21 E	9/21 E	10/24 E	9/21 E	9/22 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-6	-0/-6	-0/-6	0/-6	1/-6	1/-6	1/-6	1/-6	1/-5
300	2/-2	2/-3	2/-2	2/-2	3/-1	3/-1	3/-1	3/-2	3/-1
Valley	3/-1	2/-2	2/-1	3/-0	4/0	4/1	4/0	4/0	4/1
Freezing Level*	600m	600m	600m	600m	700m	700m	700m	700m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some difficult conditions with quite extensive hill fog and frequent snow showers coupled with severe wind chill at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 03 Dec 2022	0.2mm	0.4mm	0.4mm

Forecast for Monday 05 Dec 2022

Weather: Mainly cloudy with further showers, these wintry above around 500m and gradually dwindling through the afternoon and evening.

Maximum wind: East mean 15-20mph with gusts reaching 30mph across most exposed ridges and summits, easing gradually from mid-morning, also backing to the north late in the day.

Chance of cloud-free hill tops above 600m: Initially ranging from 25% for The Dark Peak, 70% towards Shining Tor, improving later

Low cloud and visibility: Good becoming moderate or poor in rain showers, very poor in snow showers and within cloud with bases initially quite extensive in The Dark Peak, infrequently so in The Southwest Peak, from 500m, improving later as showers ease.

Temperature: **Valleys:** Zero Celsius increasing 10 Celsius during the afternoon
At 600m: Zero to Plus 1 Celsius
Freezing level: 600-700m

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